

STORM WATER ANNUAL REPORT

Reporting Period July 1, 1996 through June 30, 1997

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by June 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

Please circle or highlight any incorrect information contained in items A, B, and C below and write in the correct information.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of the Regional Board (where the Annual Report must be filed) along with the name and telephone number of the contact is indicated below.

REGIONAL BOARD INFORMATION:

LOS ANGELES REGIONAL WATER BOARD
101 CENTRE PLAZA DR.
MONTEREY PARK, CA 91754-2156

MARK PUMFORD
(213) 266-7500

GENERAL INFORMATION:

A. Facility WDID No.

4B19S004103

B. Owner/Operator

ENVIR SPECIALIST
(213) 562-7227

ARMSTRONG WORLD IND
5037 PATATA STREET
SOUTH GATE CA 90280-3555

LOGGED IN BY	
TECHNICAL SUPPORT	
Name:	<i>R. E. Egan</i>
Date:	<i>1/2/97</i>

C: Facility

ENVIR SPECIALIST
(213) 562-7227

ARMSTRONG WORLD IND.
5037 PATATA STREET
SOUTH GATE CA 90280-3555

SIC Description

3996 Linoleum, Asphalted-Felt-Base, & Other Hard Surface Floor Coverings not elsewhere classified

Regulated Activity FLOOR TILE MANUFACTURING

State of California
STATE WATER RESOURCES CONTROL BOARD

1996-1997
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

SPECIFIC INFORMATION

STORM WATER POLLUTION PREVENTION PLAN

1. Have you developed (and updated) a Storm Water Pollution Prevention Plan (SWPPP), as required in Section 4 of the General Permit?
- ☒ Yes ☐ No If No, attach an explanation and time schedule for SWPPP development
2. Have you implemented all elements of your SWPPP?
- ☒ Yes ☐ No If No, attach an explanation and time schedule for SWPPP implementation

NON-STORM WATER DISCHARGES

3. Section A 6 of the General Permit requires that non-storm water discharges be eliminated or permitted
- a. Does your facility have any non-storm water discharges (see page 7 for examples)?
- ☐ No Go to Question 4
- ☒ Yes Please list: Boiler Blowdown, Cooling Tower Backwash, Air Compressor
Condensate, Steam Cleaning, and Oil/Water Separator Discharge.
- b. Have any of the non-storm water discharges been permitted by a State or local agency?
- ☐ No ☒ Yes If yes, on a separate sheet, identify the non-storm water discharge agency that permitted the non-storm water discharge, and the permit number
- c. Attach a description for each non-storm water discharges listed in 3.a that has not been permitted. At a minimum, this description should answer the following: N/A
- o What is the source of the non-storm water discharge?
 - o What are the characteristics of the non-storm water discharge (odor, color, frequency, flow rate, potential pollutants, etc.)?
 - o What areas of your facility does the non-storm water discharge contact?
 - o Has the non-storm water discharge been previously reported to the Regional Board?
 - o Why hasn't the non-storm water discharge been eliminated?
 - o When is the non-storm water discharge scheduled to be eliminated?
- d. Does your SWPPP include Best Management Practices (BMPs) that address the non-storm water discharges described in 3.c? N/A
- ☐ Yes ☐ No If No, revise your SWPPP and attach a brief description of the revisions

State of California
STATE WATER RESOURCES CONTROL BOARD

1996-1997
ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

MONITORING AND REPORTING PLAN

4. Section B.5.a of the General Permit requires you to conduct an annual site inspection. Did you conduct an annual site inspection?

 X Yes If Yes, use FORM 1 (page 9) to report findings or provide the following for each area inspected:

- o Date and time of inspection.
- o Name and title of inspector.
- o Summary of inspection findings. Evaluate if all sources of storm water pollutants have been identified in the SWPPP; if the BMPs identified in the SWPPP to address these sources of pollutants are in place and effective; and whether additional BMPs are needed. Discuss corrective actions that are necessary.

 No If No, attach an explanation.

5. Section B.5.b of the General Permit requires you to conduct visual observations of all discharge locations at least twice during the dry season (May through September). How many dry season observations did you conduct?

 None, attach an explanation why no dry season visual observations were conducted.

 One, attach an explanation why only one dry season visual observation was conducted.

 X Two

 More than two

For each dry season visual observation conducted, use FORM 2 (page 10) to report observations or provide the following for each discharge location:

- o Date and time of observation.
- o Name and title of inspector.
- o Observations of non-storm water discharge or indications of prior non-storm water discharge. Describe the discharge characteristics, i.e. odor, color, etc., and possible source of discharge, and corrective action taken. If no action has been taken, discuss what and when actions will be taken to eliminate the non-storm water discharge. Report all non-storm water discharges in Item 3 above.

6. Section B.5.c of the General Permit requires you to conduct visual observations of all discharge locations for at least one storm per month during the wet season (October through April). How many months during the wet season did you conduct visual observations? 3 If you did not conduct visual observations in each month of the wet season, attach an explanation. (Please refer to the attached storm water log.)

For each wet season visual observation, use FORM 3 (page 11) to report observations or provide the following information for each discharge location:

- o Date and time of observation.
- o Name and title of inspector.
- o Storm water discharge characteristics observed. For example, was the discharge discolored, very turbid, did it have an odor, evidence of floating or suspended material, did it have a sheen, or any other unusual characteristics? If any were observed, discuss the corrective actions taken or to be taken.

State of California
STATE WATER RESOURCES CONTROL BOARD

1996-1997
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

SAMPLING AND ANALYSIS

7. a. Is your facility part of a Group Monitoring Plan? (Only facilities that have received prior approval are part of a group monitoring plan.)

☐ Yes ☒ No

If No, go to Question 8.

If Yes, answer the following questions:

- b. What is the Group Monitoring Plan's name? _____

- c. Is your facility designated to collect storm water samples?

☐ Yes ☐ No

If Yes, go to Question 9.

If No, go to Question 10.

8. a. Is your facility exempt from sample collection (Section B.9 of the General Permit)? (Only facilities that have received prior Self-certification approval are exempt from sampling. Facilities participating in a Group Monitoring Plan cannot be self-certified)

☐ Yes ☒ No

If No, go to Question 9.

- b. If Yes, which of the following apply (check one):

☐ Submitted Self Certification to Regional Board.

Date Submitted: _____

☐ Received certification of local agency.

☐ Received exemption by the Regional Board.

Attach, as appropriate, the first page of either the submitted self certification, the local agency certification letter, or the Regional Board exemption letter.

9. Section B.5.d of the General Permit requires that storm water samples from at least two storms be collected and analyzed.

- a. How many storms did you sample? 1

If you did not sample any storms, or only sampled one storm, attach an explanation. (See Attachment)

- b. How many storm water discharge points are located at your facility? 2

Did you sample from every discharge point?

☒ Yes ☐ No

If you did not sample from every discharge point, attach an explanation why you did not or attach a justification as to why certain discharge points are substantially identical. (See Attachment)

State of California
STATE WATER RESOURCES CONTROL BOARD

1996-1997
ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

SAMPLING AND ANALYSIS (cont'd)

- c. For each storm sampled, provide the following information:

	Number of Samples Taken	Number of Samples Analyzed and Reported	Constituents Tested and Reported
First Storm	2	2	pH, Specific Conductance,
Second Storm	N/A	N/A	Total Suspended Solids, and
Additional Storms	N/A	N/A	Oil & Grease.

If all samples from the first and/or second storms were not analyzed, provide an explanation. (See Attachment)

- d. Provide a summary of your sampling and analysis results. You may use Form 4 (page 12) to report your findings. The summary should include the date and time of sample, constituents tested, who did the testing, the testing results, test method used, and test detection limit. Copies of the analytical results from the laboratory should also be attached. Include a completed Form 4, or equivalent, for each sample analyzed.

For facilities subject to Federal Storm Water Effluent Limitation Guidelines, separately report the Federal Guidelines and the corresponding monitoring results.

If past years analytical results are available, on a separate sheet, compare and evaluate the analytical results from the 1996-97 testing period with the analytical results from past years (are the pollutant concentrations increasing or decreasing and why; if a reason is known?).

- e. For each storm sampled, provide the following information:

	Was sample taken during the first 30 minutes?	Were there 3 days of dry weather before the storm?
First Storm	Yes	Yes
Second Storm	N/A	N/A
Additional Storms	N/A	N/A

If you responded no to either of the above questions for the first or second storm, attach an explanation
(See Attachment)

State of California
STATE WATER RESOURCES CONTROL BOARD

1996-1997
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

STORM WATER POLLUTION PREVENTION PLAN EVALUATION

10. Based upon the comparison and analysis of analytical data, visual observations, etc. from the time you submitted your Notice of Intent to comply with the General Permit, is your Storm Water Pollution Prevention Plan effective in reducing pollutants in your facility's storm water discharge? Discuss specific areas or elements of the SWPPP that are not effective or need improvement. Provide a brief description of alternatives or proposed revisions to the SWPPP.
11. Provide a written evaluation of your monitoring program in detecting pollutants in storm water discharge. Discuss areas of the monitoring program that are not effective or need improvement. Provide a brief description of proposed revisions to the monitoring program.
12. The General Industrial Activities Storm Water Permit requires that:
- o a Storm Water Pollution Prevention Plan be developed and implemented (Questions 1 and 2)
 - o non-storm water discharges be eliminated, reported to the Regional Board, or permitted (Question 3)
 - o an annual site inspection be conducted to determine the effectiveness of BMPs in reducing and/or eliminating sources of storm water pollution (Question 4)
 - o two dry weather visual observations be conducted (Question 5)
 - o wet weather visual observations be made once each month during the wet season (Question 6)
 - o unless specifically exempted, samples be collected and analyzed from at least two storms (Question 9)

If you have not completed all of the above requirements, please make sure you have attached an explanation for each requirement you have not completed.

Do you certify, based on your annual site inspection that, your facility is in compliance with the requirements of the General Industrial Activities Storm Water Permit?

 X Yes No

13. Attach an updated site map showing the areas of industrial activity; the areas where visual inspections were done; all storm water discharge locations; and all storm water sampling locations

CERTIFICATION

I am duly authorized to sign reports required by the GENERAL INDUSTRIAL ACTIVITIES STORM WATER PERMIT (see Provisions C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations

Printed Name: JAMES D. BOSSERMAN

Signature

James D. Bosserman
PLANT MANAGER

Date

6/27/97

Title: _____

State of California
STATE WATER RESOURCES CONTROL BOARD

1996-1997
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

NON-STORM WATER DISCHARGES

The list below contains examples of some common non-storm water discharges:

Boiler blow-down	Construction rinse down	Car washing
Floor washing	Non-contact cooling water	Tank drains
Boiler drains	Cooling tower back wash	Filter drains
Pavement washing	Evaporative cooling water	Window and building washing
Vehicle washing	Vehicle steam cleaning	Hydrostatic pressure vessel testing
Dust control water	Truck & trailer washing	Aggregate pile cooling water
Ground water infiltration	Landscape/lawn irrigation	Fire auxiliary (building sprinklers)
Foundation drainage	Air compressor condensate	Water line cleaning
Collected rainwater	Air conditioning condensate	Fire fighting (emergency only)
Well test pumping	Refrigeration unit condensate	Ground water discharges
Fire hydrant testing	Well water discharges	

The General Permit requires reporting of all unpermitted non-storm water discharges (discharges) to the appropriate Regional Board. You should report these discharges as an attachment to the Annual Report (see item 3.c). Regional Board staff may review your report and make modifications as appropriate. When preparing your schedule for the elimination of each discharge, please remember that the General Permit requires the discharge to be eliminated within three years of your NOI submittal date.

The General Permit was not intended to prohibit discharges that are not associated with industrial activity if the conditions provided by the General Permit Fact Sheet are met. Examples of discharges that may meet these conditions are landscape/lawn irrigation, air conditioning condensate, and fire hydrant testing. If the discharge meets the Fact Sheet conditions, the report should also explain briefly why the discharge meets the Fact Sheet conditions. A permitting strategy for such discharges is being developed by the Regional Boards. Regional Board staff will review your report and notify you of any permitting requirements or discharge prohibitions as they are developed.

State of California
STATE WATER RESOURCES CONTROL BOARD

1996-1997

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

DESCRIPTION OF CONSTITUENTS TO BE MONITORED

The General Industrial Permit requires you to analyze storm water samples for at least four constituents. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity. There are no numeric limitations for the constituents you test for.

The four constituents which the Permit requires to be tested are considered *indicators*. In other words they are nonspecific tests that will provide enough information to indicate whether or not pollutants are present in your storm water discharge. The following briefly explains what these parameters mean:

pH is numeric measure of the hydrogen-ion concentration. The neutral, or acceptable range can be defined as 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar and a alkaline or basic substance is liquid antacid. Pure rain fall tends to have a pH of less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC above zero. A high SC could affect the usability of waters for drinking and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office.

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 1 - ANNUAL SITE INSPECTION FORM

Inspection Date: 6/24/97 @ 12:00 Noon

INSPECTED AREAS <small>List all areas where pollutants may come in contact with storm water (i.e. exposed loading/unloading, access, storage, manufacturing or process activities occur, maintenance activities, etc.).</small>	For each area, are the BMPs listed in the SWPPP in place?		Are additional BMPs needed to control storm water pollution?		DESCRIBE DEFICIENCIES AND CORRECTIVE ACTIONS
	YES	NO	YES	NO	
Plasticizer Storage	X			X	
Truck Loading	X		X		Small amounts of oil drippings from the trucks.
Raw Material Unloading	X		X		Small amounts of oil drippings from the trucks.

Inspector's Name: Bill Woyshner

Title: Environmental Specialist

Signature: 

Date: 6/24/97

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 1 - ANNUAL SITE INSPECTION FORM

Inspection Date: 6/24/97 @ 12:00 Noon

INSPECTED AREAS <small>List all areas where pollutants may come in contact with storm water (i.e. exposed loading/unloading, access, storage, manufacturing or process activities occur, maintenance activities, etc.).</small>	For each area, are the BMPs listed in the SWPPP in place?		Are additional BMPs needed to control storm water pollution?		DESCRIBE DEFICIENCIES AND CORRECTIVE ACTIONS
	YES	NO	YES	NO	
Battery Storage	X			X	
Hazardous Material Storage	X			X	
Air Compressors	X			X	

Inspector's Name: Bill Woyshner

Title: Environmental Specialist

Signature: 

Date: 6/24/97

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 1 - ANNUAL SITE INSPECTION FORM

Inspection Date: 6/24/97 @ 12:00 Noon

INSPECTED AREAS <small>List all areas where pollutants may come in contact with storm water (i.e. exposed loading/unloading, access, storage, manufacturing or process activities occur, maintenance activities, etc.).</small>	For each area, are the BMPs listed in the SWPPP in place?		Are additional BMPs needed to control storm water pollution?		DESCRIBE DEFICIENCIES AND CORRECTIVE ACTIONS
	YES	NO	YES	NO	
Paved Parking and Storage Areas	X			X	
Unpaved Storage Area	X			X	
Equipment Storage Area	X			X	

Inspector's Name: Bill Woyshner

Title: Environmental Specialist

Signature: 

Date: 6/24/97

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 1 - ANNUAL SITE INSPECTION FORM

Inspection Date: 6/24/97 @ 12:00 Noon

INSPECTED AREAS <small>List all areas where pollutants may come in contact with storm water (i.e. exposed loading/unloading, access, storage, manufacturing or process activities occur, maintenance activities, etc.).</small>	For each area, are the BMPs listed in the SWPPP in place?		Are additional BMPs needed to control storm water pollution?		DESCRIBE DEFICIENCIES AND CORRECTIVE ACTIONS
	YES	NO	YES	NO	
Garbage Dumpsters	X		X		Small quantities of process material near the garbage dumpsters--need to cover dumpsters.
Maintenance Areas	X			X	
Raw Material Storage	X			X	

Inspector's Name: Bill Hoyshner

Title: Environmental Specialist

Signature: 

Date: 6/24/97

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 1 - ANNUAL SITE INSPECTION FORM

Inspection Date: 6/24/97 @ 12:00 Noon

INSPECTED AREAS <small>List all areas where pollutants may come in contact with storm water (i.e. exposed loading/unloading, access, storage, manufacturing or process activities occur, maintenance activities, etc.).</small>	For each area, are the BMPs listed in the SWPPP in place?		Are additional BMPs needed to control storm water pollution?		DESCRIBE DEFICIENCIES AND CORRECTIVE ACTIONS
	YES	NO	YES	NO	
Dust Collectors	X		X		Some dust on the ground--housekeeping procedures need improvement. Super sack collection project is underway.
Roof Drains	X			X	

Inspector's Name: Bill Wyshner

Title: Environmental Specialist

Signature: 

Date: 6/24/97

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 2 - RECORD OF DRY SEASON VISUAL OBSERVATIONS

Dry season visual observations are used to detect the presence of non-storm water discharges.

This form should be filled out for at least two dry season visual observations between May 1 and September 30 of each year.

Non storm water discharges that have not been eliminated must be reported in Item 3 (page 2) of the Annual Report.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED? YES/NO	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
1	3:20 PM 8/29/96	INDICATIONS OF PRIOR DISCHARGE? YES/NO	No water discharged.	Parking lot and driveway.

Comments/Corrective Actions Taken for above. Clean and clear.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED? YES/NO	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
2	3:15 PM 8/29/96	INDICATIONS OF PRIOR DISCHARGE? YES/NO	Water noticed in storm drain.	Parking lot.

Comments/Corrective Actions Taken for above. Water noticed in the storm drain.

Inspector's Name Bill Woysner

Signature 

Title Environmental Specialist

Date 8/29/96

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 2 - RECORD OF DRY SEASON VISUAL OBSERVATIONS

- Dry season visual observations are used to detect the presence of non-storm water discharges.
- This form should be filled out for at least two dry season visual observations between May 1 and September 30 of each year.
- Non-storm water discharges that have not been eliminated must be reported in Item 3 (page 2) of the Annual Report.

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVED? YES <input checked="" type="radio"/> NO <input type="radio"/>	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
1	5:00 PM 9/11/96	INDICATIONS OF PRIOR DISCHARGE? <input checked="" type="radio"/> YES <input type="radio"/> NO	No water discharged.	Parking lot and driveway.

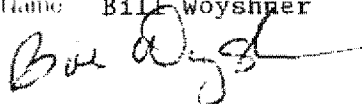
Comments/Corrective Actions Taken for above Trash noticed in the city storm drain.

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVED? YES <input checked="" type="radio"/> NO <input type="radio"/>	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
2	5:15 PM 9/11/96	INDICATIONS OF PRIOR DISCHARGE? <input checked="" type="radio"/> YES <input type="radio"/> NO	Water noticed in the storm drain.	Parking lot.

Comments/Corrective Actions Taken for above Water noticed in the storm drain. Clean and clear.

Inspector's Name Bill Woyshner

Signature



Title Environmental Specialist

Date 9/11/96

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month **October, 1996** Approximate time storm water discharge began: **7:00 AM**

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
1	10/30/96 7:30 AM	Floating Materials?	Suspended materials?	CLEAR	PARKING LOT
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

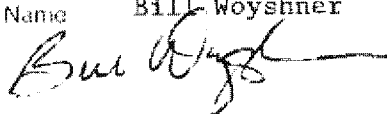
Comments/Corrective Actions Taken for above Discharge clear--some trash noticed near the drain.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
2	10/30/96 7:30 AM	Floating Materials?	Suspended materials?	CLEAR	PARKING LOT AND DRIVEWAY
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above N/A (Please refer to inspection forms and storm water log)

Inspector's Name **Bill Woysner**

Signature



Title **Environmental Specialist**

Date **11/1/96**

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

★ → Note: 11/20 - 11/21 did not conduct inspections -- Rainfall not during working hours. Rain started at 9:00 PM.

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30

Month **November, 1996**

Approximate time storm water discharge began:

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above

Inspector's Name **N. Inspections (SEE ABOVE)** Title:

Signature

Date:

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month **December, 1996** Approximate time storm water discharge began: **4:30 PM**

DISCHARGE LOCATION	DATE / TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
1	12/5/96 4:30 PM	Floating Materials?	Suspended materials?	Clear	Parking lot
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above **Discharge clear.**

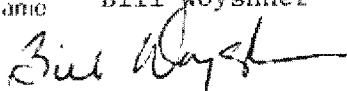
DISCHARGE LOCATION	DATE / TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
2	12/5/96 4:30 PM	Floating Materials?	Suspended materials?	Clear	Parking lot and driveway
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above **Discharge clear (Please refer to inspection forms and storm water log.)**

Inspector's Name **Bill Woysner**

Title **Environmental Specialist**

Signature



Date **12/5/96**

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30

Month: January, 1997

Approximate time storm water discharge began: 9:30 AM

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
1	1/12/97 10:30 AM	Floating Materials?	Suspended materials?	Slight Discoloration	Parking lot
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: Sample collected and analyzed.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
2	1/12/97 10:30 AM	Floating Materials?	Suspended materials?	Slight sheen and cloudiness	Parking lot and driveway
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: Sample collected and analyzed.

Inspector's Name: Bill Woyshner

Title: Environmental Specialist

Signature: *Bill Woyshner*

Date: 1/12/97

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

* → Note: No rain this month--did not conduct inspection. (Please refer to storm water log.)

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

- Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30

Month February, 1997

Approximate time storm water discharge began:

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above:

Inspector's Name: No inspection (SEE ABOVE) Title:

Signature

Date:

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

* —> Note: No rain this month--did not conduct inspection. (Please refer to storm water log.)

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30

Month. March, 1997

Approximate time storm water discharge began:

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above:

Inspector's Name: NO INSPECTION - (SEE ABOVE)

Signature:

Date:

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

* → Note: No rain this month--did not conduct inspection. (Please refer to storm water log.)

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30

Month: April, 1997

Approximate time storm water discharge began:

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above:

Inspector's Name: No inspection -- (See above) Title:

Signature

Date:

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

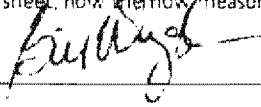
FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: 1

DATE AND TIME OF SAMPLE: 1/12/97 10:45 AM TIME DISCHARGE STARTED: 10:15 AM

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
PH	LAB	5.8 (PH UNITS)	EPA 150.1	N/A
TOTAL SUSPENDED SOLIDS	LAB	8.0 mg/l	EPA 160.2	1.0
SPECIFIC CONDUCTANCE	LAB	2.8 umho/cm	EPA 120.1	0.1
OIL & GREASE	LAB	< 5.0 mg/l	EPA 413.1	5.0
TOTAL ORGANIC CARBON		mg/l		
ADDITIONAL POLLUTANTS:				
ZINC	LAB	0.3 mg/l	EPA 3010	0.1 mg/l
FLOW ⁽⁵⁾		gal/s		
SIZE OF STORM (IF AVAILABLE)		inches		

- (1) If testing was done by a certified laboratory, indicate "lab", otherwise, indicate "self".
 (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
 (3) If you did not analyze for a particular constituent, do not report "0" - instead, leave the appropriate box blank.
 (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field using portable analyzers (portable pH meters, portable EC meters, etc.) indicate with an "A".
 (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe on a separate sheet how the flow measurement was calculated.

Name of person collecting sample: Bill Woyshner  Title: Envir. Specialist

If analysis conducted by certified laboratory, enter name of laboratory: Positive Lab Service

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

STATE AND REGIONAL BOARDS STORM WATER CONTACTS

State Water Resources Control Board

Division of Water Quality
Attention: Storm Water Permit Unit
P.O. Box 1977
Sacramento, CA 95812-1977
(916) 657-0919 FAX: (916) 657-1011

Storm Water Program Contact: Bruce Fujimoto

Regional Water Quality Control Board

(1) North Coast Region
5550 Skyline Boulevard, Suite A
Santa Rosa, CA 94503
(707) 576-2220 FAX: (707) 523-0135

Storm Water Program Contact: Nathan Quarles

Regional Water Quality Control Board

(2) San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612
(510) 286-1255 FAX: (510) 286-1380

Storm Water Program Contact: Tom Mumley

Regional Water Quality Control Board

(3) Central Coast Region
81 Higuera Street, Suite 200
San Luis Obispo, CA 93401-5427
(805) 549-3147 FAX: (805) 543-0397

Storm Water Program Contact: Adam White

Regional Water Quality Control Board

(4) Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA 91754-2156
(213) 266-7500 FAX: (213) 266-7600

Storm Water Program Contact: Xavier Swamikannu

Regional Water Quality Control Board

(5S) Central Valley Region
3443 Routier Road
Sacramento, CA 95827-3098
(916) 255-3000 FAX: (916) 255-3015

Storm Water Program Contact: Pamela Barksdale

Regional Water Quality Control Board

(5F) Central Valley Region - Fresno Office
3614 East Ashlan Avenue
Fresno, CA 93726
(209) 445-5116 FAX: (209) 445-5910

Storm Water Program Contact: Darrel Evensen

Regional Water Quality Control Board

(5R) Central Valley Region - Redding Office
415 Knollcrest Drive
Redding, CA 96002
(916) 224-4845 FAX: (916) 224-4857

Storm Water Program Contact: Carole Crowe

Regional Water Quality Control Board

(6SLT) Lahontan Region
2501 Lake Tahoe Boulevard
South Lake Tahoe, CA 96150
(916) 542-5400 FAX: (916) 544-2271

Storm Water Program Contact: John Short

Regional Water Quality Control Board

(6V) Lahontan Region - Victorville Office
15428 Civic Drive, Suite 100
Victorville, CA 92392
(619) 241-6583 FAX: (619) 241-7308

Storm Water Program Contact: Tom Rheiner

Regional Water Quality Control Board

(7) Colorado River Basin Region
73-720 Fred Waring Drive, Suite 100
Palm Desert, CA 92260
(619) 346-7491 FAX: (619) 341-6820

Storm Water Program Contact: Orlando Gonzalez

Regional Water Quality Control Board

(8) Santa Ana Region
2010 Iowa Avenue, Suite 100
Riverside, CA 92507-2409
(909) 782-4130 FAX: (909) 781-6288

Storm Water Program Contact: Pavlova Vitale

Regional Water Quality Control Board

(9) San Diego Region
9771 Clairemont Mesa Boulevard, Suite B
San Diego, CA 92124
(619) 467-2952 FAX: (619) 571-6972

Storm Water Program Contact: Gloria Fulton

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

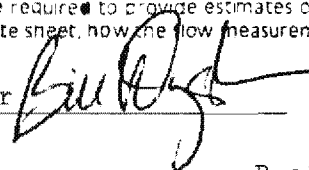
FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: 2

DATE AND TIME OF SAMPLE: 1/12/97 10:30 AM TIME DISCHARGE STARTED: 10:15 AM

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	LAB	6.1 (pH UNITS)	EPA 150.1	N/A
TOTAL SUSPENDED SOLIDS	LAB	2.0 mg/l	EPA 160.2	1.0
SPECIFIC CONDUCTANCE	LAB	37 umho/cm	EPA 120.1	0.1
OIL & GREASE	LAB	< 5.0 mg/l	EPA 413.1	5.0
TOTAL ORGANIC CARBON		mg/l		
ADDITIONAL POLLUTANTS:				
ZINC	LAB	0.4 mg/l	EPA 3010	0.1 mg/l
FLOW ⁽⁵⁾		gallons		
SIZE OF STORM (IF AVAILABLE)		inches		

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
 (2) If analytical results indicate a value less than the detection limit (or non-detect), show the value as less than the numerical value of the detection limit.
 (3) If you did not analyze for a particular constituent, do not report "0". Instead, leave the appropriate box blank.
 (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A".
 (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Bill Woyshner  Title: Envir. Specialist

If analysis conducted by certified laboratory, enter name of laboratory: Positive Lab Service

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

STATE AND REGIONAL BOARDS STORM WATER CONTACTS

State Water Resources Control Board

Division of Water Quality
Attention: Storm Water Permit Unit
P.O. Box 1977
Sacramento, CA 95812-1977
(916) 657-0919 FAX: (916) 657-1011

Storm Water Program Contact: Bruce Fujimoto

Regional Water Quality Control Board
(1) North Coast Region

5550 Skyline Boulevard, Suite A
Santa Rosa, CA 94503

(707) 576-2220 FAX: (707) 523-0135

Storm Water Program Contact: Nathan Quarles

Regional Water Quality Control Board
(2) San Francisco Bay Region

2101 Webster Street, Suite 500
Oakland, CA 94612

(510) 286-1255 FAX: (510) 286-1380

Storm Water Program Contact: Tom Mumley

Regional Water Quality Control Board
(3) Central Coast Region

81 Higuera Street, Suite 200
San Luis Obispo, CA 93401-5427

(805) 549-3147 FAX: (805) 543-0397

Storm Water Program Contact: Adam White

Regional Water Quality Control Board
(4) Los Angeles Region

101 Centre Plaza Drive
Monterey Park, CA 91754-2156

(213) 266-7500 FAX: (213) 266-7600

Storm Water Program Contact: Xavier Swamikannu

Regional Water Quality Control Board
(5S) Central Valley Region

3443 Routier Road
Sacramento, CA 95827-3096

(916) 255-3000 FAX: (916) 255-3015

Storm Water Program Contact: Pamela Barksdale

Regional Water Quality Control Board
(SF) Central Valley Region - Fresno Office

3614 East Ashlan Avenue
Fresno, CA 93726

(209) 445-5116 FAX: (209) 445-5910

Storm Water Program Contact: Darrel Evensen

Regional Water Quality Control Board

(5R) Central Valley Region - Redding Office

415 Knollcrest Drive

Redding, CA 96002

(916) 224-4845 FAX: (916) 224-4857

Storm Water Program Contact: Carole Crowe

Regional Water Quality Control Board

(6SLT) Lahontan Region

2501 Lake Tahoe Boulevard

South Lake Tahoe, CA 96150

(916) 542-5400 FAX: (916) 544-2271

Storm Water Program Contact: John Short

Regional Water Quality Control Board

(6V) Lahontan Region - Victorville Office

15428 Civic Drive, Suite 100

Victorville, CA 92392

(619) 241-6583 FAX: (619) 241-7308

Storm Water Program Contact: Tom Rheiner

Regional Water Quality Control Board

(7) Colorado River Basin Region

73-720 Fred Waring Drive, Suite 100

Palm Desert, CA 92260

(619) 346-7491 FAX: (619) 341-6820

Storm Water Program Contact: Orlando Gonzalez

Regional Water Quality Control Board

(8) Santa Ana Region

2010 Iowa Avenue, Suite 100

Riverside CA 92507-2409

(909) 782-4130 FAX: (909) 781-6288

Storm Water Program Contact: Pavlova Vitale

Regional Water Quality Control Board

(9) San Diego Region

9771 Clairemont Mesa Boulevard, Suite B

San Diego, CA 92124

(619) 467-2952 FAX: (619) 571-6972

Storm Water Program Contact: Gloria Fulton

CLARIFICATION OF QUESTIONS

CLARIFICATION TO QUESTIONS

The following is a brief explanation to all questions on the annual report responded with a "No" response and those questions requiring additional information.

Question

Explanation

1. Armstrong's Storm Water Pollution Prevention Plan (SWPPP) was revised in July, 1995. The SWPPP was reviewed on June 24, 1997. By August 1, 1997, updates to the SWPPP will include recent amendments to the Storm Water General Permit.
- 3.(b) Armstrong has three (3) industrial wastewater permits from the County Sanitation Districts of Los Angeles County (1199, 12365, and 12671) and the City of South Gate (076, 104, and 105, respectively). The following non-storm water discharges have active permits:

Wastewater Discharge	Permit Number
Floor tile line, waterbaths, air compressors, steam cleaning, and oil & water separator.	1199, 076
Floor tile line, cooling tower backwash, and air compressors.	12365, 104
Boiler blowdown	12671, 105

4. An annual site inspection was conducted on June 24, 1997 by Mr. Bill Woyshner, REA, Environmental Specialist. Please refer to Form 1 for the annual site inspection form.
5. Two (2) dry season inspections were conducted during the 1996/1997 reporting period on August 29, 1996, and September 11, 1996. Weekly inspections are conducted on a regular basis. Please refer Form 2 for a record of dry season inspections.

Clarification to Questions

Page 2 of 4

6. Three (3) wet season inspections were conducted during the wet season (October, 1996 through April, 1997). An inspection was not conducted during the months of November, February, March, and April since there was not rain during these months or did not meet the requirement of a significant rain storm. Two (2) areas were inspected and monitored during the wet season. Please refer to the site plot plan, inspection forms, and storm water log.
7. Armstrong developed a Storm Water Monitoring Plan (SWMP) as part of the Storm Water Program. The SWMP was reviewed on June 24, 1997. By August 1, 1997, updates to the SWMP will include recent amendments to the Storm Water General Permit.
- 9b) The number of outfalls that leave the property is two. Both of the outfalls are similar and have potentially identical pollutants. The logical outfall to collect a composite sample is from Outfall No. 2. However, both outfalls were sampled.

A storm water sample was collected on January 12, 1997. Due to the fact that there was not a significant rain storm during working hours to collect the rain water and there has not been a significant rain storm since our first sample was collected and analyzed, we only sampled one rain storm.
- 9c) All samples from the first storm were analyzed. We only collected samples from one rain storm; therefore, the second storm was not collected and analyzed.

Clarification to Questions

Page 3 of 4

- 9 d) The following is a comparison between past analytical results from storm water sampled at Outfall No. 2 and the sample collected during the 1996-1997 testing period:

Date	pH	TSS (mg/l)	Conductance (umho/cm)	TOC or Oil & Grease (mg/l)
1/24/95	8.9	78	45	6.0
3/10/95	9.1	92	110	30.8
1/16/96	6.8	43	420	2.5
3/4/96	7.3	44	190	2.5
1/12/97	6.1	2	37	<5.0 (ND)

Note: TSS = Total Suspended Solids
 TOC = Total Organic Compounds
 ND = Below the detection limit

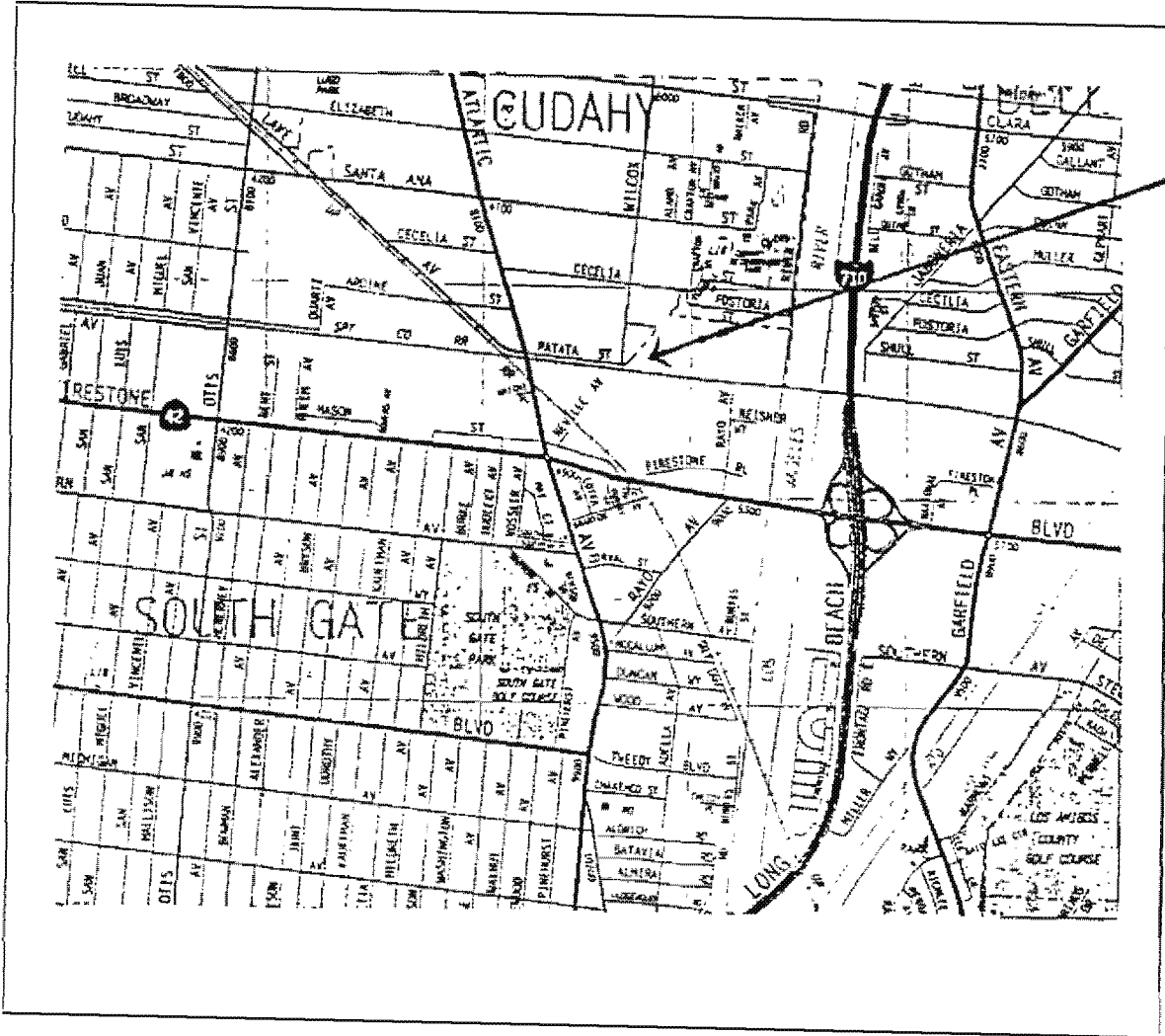
The storm water concentrations have decreased in all areas from last years analysis. Our best management practices and housekeeping efforts have improved over the years. We have reduced the number of sources that may come in contact with storm water. Good housekeeping and best management practices are of major concern to Armstrong.

10. Based on the annual, dry, and wet weather inspections conducted throughout the year, it appears that the SWPPP is effective in preventing potential sources from entering the storm water system.

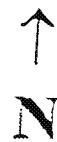
Properly storing materials outside under covered areas, improving housekeeping procedures, and more frequent training programs would further minimize the quantity of pollutants in the storm water runoff. We have employees and outside contractors to prevent material from entering the storm drains and improve our housekeeping efforts.

11. The SWMP is effective in detecting pollutants present in the storm water discharge from the facility. The sample obtained from Outfall #2 showed a significant reduction in pollutants. Since zinc dust is a pollutant that is reported under SARA Title III (Form R), we sampled zinc metal to identify what concentrations are entering the storm water runoff. Results of the analytical showed zinc concentrations to be 0.4 mg/l.
12. Based on the sample results, and the site investigations, Armstrong is in compliance with the SWPPP, SWMP, and the General Permit requirements. By August 1, 1997, we will update the SWPPP and SWMP to ensure that we have incorporated recent revisions to the General Permit requirements.

SITE MAPS



Armstrong World Industries
5037 Patata Street
South Gate, CA 90280



Scale 1 inch = 2400 feet

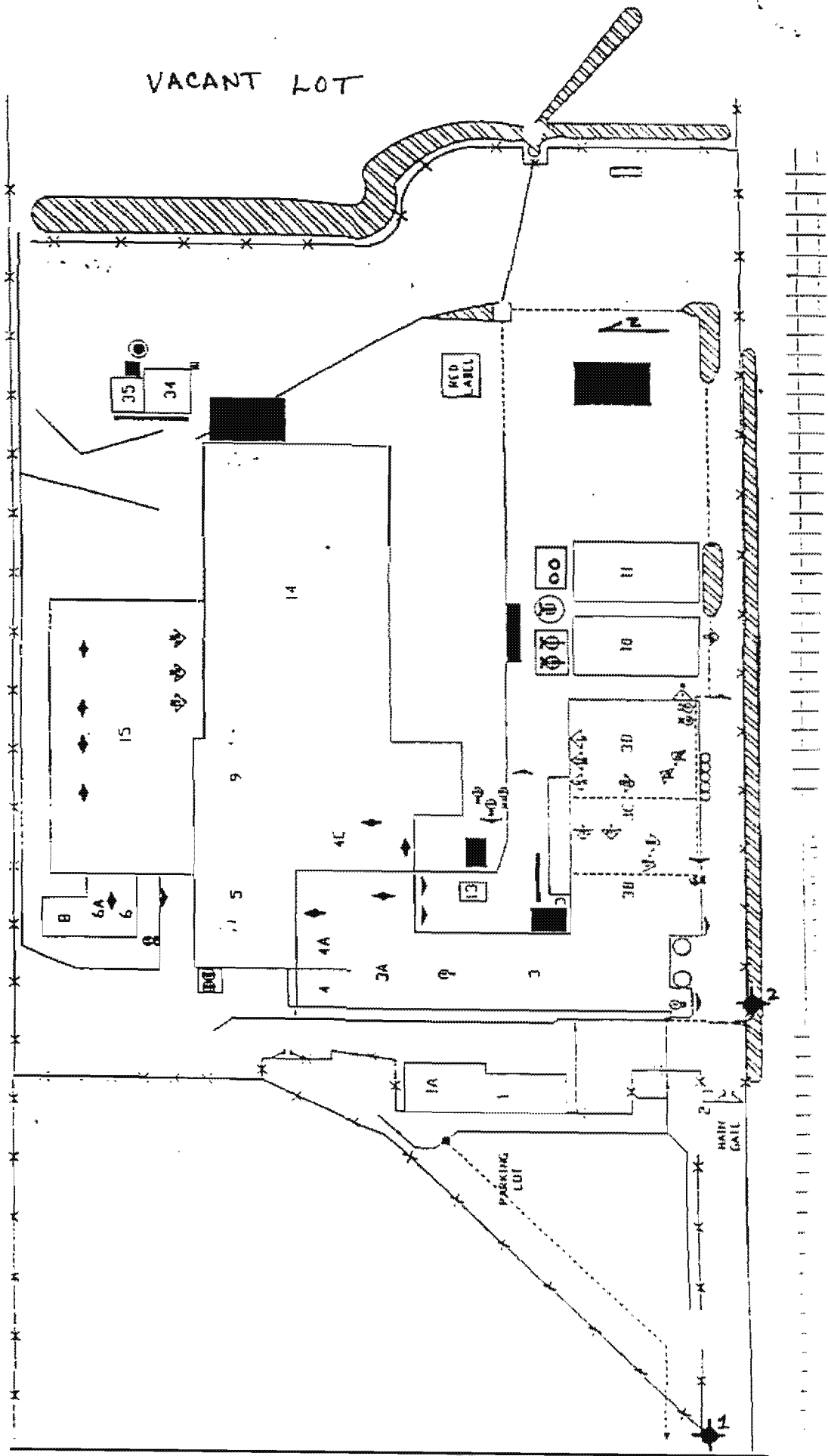
LOS ANGELES RIVER

VACANT LOT

RESIDENTIAL HOUSING

LEGEND

- STORMWATER CONVEYANCES
- ▨ STORMWATER HOLDING AREA
- ★ SAMPLING LOCATION



ANALYTICAL TESTING RESULTS



781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

JAN 22 9 55 AM '97

Armstrong World Industries
File# 72906
5037 Patata
South Gate, CA 90280

01/16/97

RECEIVED

Attn: Bill Woyshner
213/562/7227

Project Name: Storm Water

Sample #: 7013130101
Received: 01/13/97
Type: Water

Collector: Client
Sampling Date & Time: 01/12/97, 1045
Method: Submitted By Client

I.D.: SW1

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Analysis Date pH	EPA 150.1	01/13/97 5.8	units	
Analysis Date Suspended Solids	EPA 160.2	01/14/97 8.0	mg/l	1.0 mg/l
Analysis Date Conductance	EPA 120.1	01/16/97 28	umho/cm	0.1umho/cm
Extraction Method/Date Analysis Date Oil and Grease, Gravimetric	Freon EPA 413.1	01/14/97 01/14/97 ND	mg/l	5.0 mg/l
Digestion Method/Date Analysis Date Zinc	EPA 3010 EPA 3010/6010	01/14/97 01/14/97 0.30	mg/l	0.1 mg/l

Sample #: 7013130104
Received: 01/13/97
Type: Water

Collector: Client
Sampling Date & Time: 01/12/97, 1030
Method: Submitted By Client

I.D.: SW2

Analysis Date pH	EPA 150.1	01/13/97 6.1	units	
---------------------	-----------	-----------------	-------	--



781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Analysis Date		01/14/97		
Suspended Solids	EPA 160.2	2.0	mg/l	1.0 mg/l
Analysis Date		01/16/97		
Conductance	EPA 120.1	37	umho/cm	0.1umho/cm
Extraction Method/Date	Freon	01/14/97		
Analysis Date		01/14/97		
Oil and Grease, Gravimetric	EPA 413.1	ND	mg/l	5.0 mg/l
Digestion Method/Date	EPA 3010	01/14/97		
Analysis Date		01/14/97		
Zinc	EPA 3010/6010	0.40	mg/l	0.1 mg/l

Respectfully Submitted,

Frances Fernando

Frances Fernando, Inorganic Supervisor



POSITIVE
LAB SERVICE

781 East Washington Blvd.,
Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

**CHAIN OF CUSTODY AND
ANALYSIS REQUEST**

LOG BOOK NO. 10205

DATE 1/12/97 PAGE 1 OF 1
FILE NO. 72906 LAB NO. 2013 1201 01

CLIENT NAME: BILL WOYSHNER / ARMSTRONG WORLD IND. INC.

ANALYSES REQUESTED:

AIRBILL NO. 205

PROJECT NAME: STORM WATER PROJECT NO. PO 100

COOLER TEMP. 41.5

ADDRESS: 5037 PALMATA STREET, SOUTH GATE 90280

PRESERVED: ☒

PROJECT MANAGER: BILL WOYSHNER PHONE NO. (213) 562-7200 X NO. (213) 562-7200

QC REPORT LEVEL: Standard

SAMPLER NAME: BILL WOYSHNER (Printed) Bill Woyshner (Signature)

REMARKS:

TAT (Analytical Turn Around Time) 0 = Same Day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, G = Glass, P = Plastic, V = VOA Vial, O = Other:

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER	
				WATER	SOIL	SLUDGE	OTHER		#	TYPE
SW1	1/12/97	10:45 AM	STORM WATER OUTFALL #1	X				N	1	P
SW1	1/12/97	10:45 AM	STORM WATER OUTFALL #1	X				N	1	P
SW1	1/12/97	10:45 AM	STORM WATER OUTFALL #1	X				N	1	G
SW2	1/12/97	10:30 AM	STORM WATER OUTFALL #2	X				N	1	P
SW2	1/12/97	10:30 AM	STORM WATER OUTFALL #2	X				N	1	P
SW2	1/12/97	10:30 AM	STORM WATER OUTFALL #2	X				N	1	G

PH (150.1)
TSS (160.2)
CONDUCTANCE (120.1)
OIL & GREASE (113.2)
ZINC

SAMPLE CONDITION/COMMENTS:

1 L PLASTIC

1 L PLASTIC

GLASS AMPER (w/H₂SO₄)

1 L PLASTIC

1 L PLASTIC

GLASS AMPER (w/H₂SO₄)

Relinquished By (Signature and Printed Name) Bill Woyshner Received By (Signature and Printed Name) John

Date 1-15-97 Time 0415

Relinquished By (Signature and Printed Name) Received By (Signature and Printed Name)

Date Time

Relinquished By (Signature and Printed Name) Received By (Signature and Printed Name)

Date Time

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:

1. Samples returned to client? YES ☐ NO ☒
 2. Samples will not be stored over 30 days, unless additional storage time is requested
 3. Storage time requested _____ days
- By _____ Date _____



781 East Washington Blvd.,
Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 1/12/97 PAGE 1 OF 1
LOG BOOK NO. _____ FILE NO. _____ LAB NO. _____

CLIENT NAME: BILL WOYCHNER / ADHETRONIC WORLD INC.

ANALYSES REQUESTED:

AIRBILL NO. 10

PROJECT NAME: STORM WATER PROJECT NO. _____ P.O. NO. _____

COOLER TEMP. Chilled

ADDRESS: 5137 PATATA STREET, SOUTH GATE 90270

PRESERVED: ✓

PROJECT MANAGER: BILL WOYCHNER PHONE NO. (213) 417-7111 FAX NO. (213) 417-7111

QC REPORT LEVEL: Standard

SAMPLER NAME: BILL WOYCHNER (Printed) Bill Woychner (Signature)

REMARKS:

Analytical Turn Around Time) 0 = Same Day, 1 = 24 Hour, 2 = 48 Hour, (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, G = Glass, P = Plastic, V = VOA Vial, O = Other:

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER		PH (150.1)	TSS (160.2)	Lead (100.1)	Cadmium (141.3)	Zinc			SAMPLE CONDITION/ COMMENTS:
				WATER	SOIL	SLUDGE	OTHER		#	TYPE								
SW1	1/12/97	11:45 AM	STORM WATER OUTFALL #1	X				N	1	P	X		X					12 PLASTIC
SW7	1/12/97	12:45 PM	STORM WATER OUTFALL #1	X				N	1	P		X			X			12 PLASTIC
SW1	1/12/97	1:45 PM	STORM WATER OUTFALL #1	X				N	1	G				X				12 PLASTIC (with H ₂ SO ₄)
SW2	1/12/97	10:30 AM	STORM WATER OUTFALL #2	X				N	1	P	X		X					12 PLASTIC
SW2	1/12/97	10:35 AM	STORM WATER OUTFALL #2	X				N	1	P		X			X			12 PLASTIC
SW2	1/12/97	11:34 AM	STORM WATER OUTFALL #2	X				N	1	G				X				12 PLASTIC (with H ₂ SO ₄)

Relinquished By: (Signature and Printed Name) Bill Woychner Received By: (Signature and Printed Name) J. L. S. Date: 1-13-97 Time: ONS
Relinquished By: (Signature and Printed Name) _____ Received By: (Signature and Printed Name) _____ Date: _____ Time: _____
Relinquished By: (Signature and Printed Name) _____ Received By: (Signature and Printed Name) _____ Date: _____ Time: _____

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested
3. Storage time requested _____ days
By _____ Date _____

SPECIAL INSTRUCTIONS:

INSPECTION FORMS

A. Annual SWPPP Review Form "10A"

To be filled out by reviewer.

Reviewer: Bill Woyshtner, ENVIR. SPECIALIST

SWPPP Element	Describe revisions made to SWPPP to reflect changes/differences identified at the site	Date SWPPP Modified
Station Information (Section 1)	No change	N/A
Site Maps (Figures 3-1 and 3-2)	No change	N/A
Pollutant Sources (Section 5)	No change	N/A
Source-Specific BMP (Section 5)	No change	N/A
Station-Wide BMP (Section 6)	No change	N/A
Sedimentation and Erosion Control Practices (Section 7)	No change	N/A
Preventative Maintenance & Good House-keeping (Section 8)	No change	N/A
Spill Prevention and Response (Section 9)	No change	N/A
Inspection Procedures (Section 10)	No change	By August 1, 1997 Update to include permit changes.
Record Keeping Procedures (Section 11)	No change	N/A
Employee Training Program (Section 12)	No change	N/A

To be filled out by person responsible for SWPPP implementation.

I have reviewed the above table and have supervised revisions to the SWPPP, as needed.

Signature: Bill Woyshtner

Date: 6/24/97

B. Dry Weather Inspection Form "10B"

Dry weather inspections are performed to ensure that best management practices are being implemented and to identify any evidence of dry weather discharge. The completed form is to be filed in Section 10 of the SWPPP with the most recent inspection first.

To be filled out by inspector.

Date: 8/29/96 Weather Conditions: Sunny / Warm

Inspector: Bill Woyshner

Outfall No.	Outfall Location Refer to Section 3 Site Map Figure 3-1	Water Being Discharged	
		yes	no
1	Corner of Wilcox & Patata		X
2	Near Guard shack		X

Note: A supplemental form "D" must be completed for each outfall where water is observed during dry weather.

Signature: Bill Woyshner

Date: 8/29/96

C. Supplemental Dry Weather Inspection Form "10C"
(For observed dry weather flows)

This supplemental dry weather form must be attached to Form "10C" when filed.

To be filled out by inspector.

N/A

Outfall No.: _____

Outfall Type: ☐ pipe ☐ culvert ☐ ditch ☐ pond
 ☐ other (specify: _____)

Physical Observations (check appropriate descriptions)

Color	<input type="checkbox"/> clear <input type="checkbox"/> other, specify _____	<input type="checkbox"/> black/gray	<input type="checkbox"/> brown	<input type="checkbox"/> green
Clarity	<input type="checkbox"/> clear <input type="checkbox"/> other, specify _____	<input type="checkbox"/> slightly cloudy	<input type="checkbox"/> muddy	
Odor	<input type="checkbox"/> none <input type="checkbox"/> other, specify _____	<input type="checkbox"/> sewage	<input type="checkbox"/> musty <input type="checkbox"/> petroleum	<input type="checkbox"/> chemical
Sheen	<input type="checkbox"/> none <input type="checkbox"/> other, specify _____	<input type="checkbox"/> slightly sheen	<input type="checkbox"/> significant sheen	
Floating debris	<input type="checkbox"/> none <input type="checkbox"/> other, specify _____	<input type="checkbox"/> garbage/litter	<input type="checkbox"/> constr. debris	<input type="checkbox"/> sewage
Volume Estimate	<input type="checkbox"/> less than 1 gpm <input type="checkbox"/> between 5 and 10 gpm <input type="checkbox"/> between 50 and 100 gpm	<input type="checkbox"/> between 1 to 5 gpm <input type="checkbox"/> between 10 to 50 gpm <input type="checkbox"/> greater than 100 gpm		

Potential Source(s) of Storm Water

To be filled out by person responsible for SWPPP implementation.

Date of Review: _____

Actual Source(s) of Discharge: _____

Corrective Action Required? ☐ Yes ☐ No

Corrective Action Plan: _____

Date corrective action will be completed: _____

Date corrective action actually completed: _____

Signature: _____ Date: _____

B. Dry Weather Inspection Form "10B"

Dry weather inspections are performed to ensure that best management practices are being implemented and to identify any evidence of dry weather discharge. The completed form is to be filed in Section 10 of the SWPPP with the most recent inspection first.

To be filled out by inspector.

Date: 9/11/96 Weather Conditions: Hot/Warm

Inspector: Bill Wayshner

Outfall No.	Outfall Location Refer to Section 3 Site Map Figure 3-1	Water Being Discharged	
		yes	no
1	Corner of Wilcox & Potata		X
2	Near Guard Shack		X

Note: A supplemental form "D" must be completed for each outfall where water is observed during dry weather.

Signature: Bill Wayshner Date: 8/29/96

C. Supplemental Dry Weather Inspection Form "10C"
(For observed dry weather flows)

This supplemental dry weather form must be attached to Form "10C" when filed.

To be filled out by inspector.

Outfall No.: _____

Outfall Type: ☐ pipe ☐ culvert ☐ ditch ☐ pond
 ☐ other (specify: _____)

Physical Observations (check appropriate descriptions)

Color	<input type="checkbox"/> clear <input type="checkbox"/> other, specify _____	<input type="checkbox"/> black/gray	<input type="checkbox"/> brown	<input type="checkbox"/> green
Clarity	<input type="checkbox"/> clear <input type="checkbox"/> other, specify _____	<input type="checkbox"/> slightly cloudy	<input type="checkbox"/> muddy	
Odor	<input type="checkbox"/> none <input type="checkbox"/> other, specify _____	<input type="checkbox"/> sewage	<input type="checkbox"/> musty <input type="checkbox"/> petroleum	<input type="checkbox"/> chemical
Sheen	<input type="checkbox"/> none <input type="checkbox"/> other, specify _____	<input type="checkbox"/> slightly sheen	<input type="checkbox"/> significant sheen	
Floating debris	<input type="checkbox"/> none <input type="checkbox"/> other, specify _____	<input type="checkbox"/> garbage/litter	<input type="checkbox"/> constr. debris	<input type="checkbox"/> sewage
Volume Estimate	<input type="checkbox"/> less than 1 gpm <input type="checkbox"/> between 5 and 10 gpm <input type="checkbox"/> between 50 and 100 gpm	<input type="checkbox"/> between 1 to 5 gpm <input type="checkbox"/> between 10 to 50 gpm <input type="checkbox"/> greater than 100 gpm		

Potential Source(s) of Storm Water

To be filled out by person responsible for SWPPP implementation.

Date of Review: _____

Actual Source(s) of Discharge: _____

Corrective Action Required? ☐ Yes ☐ No

Corrective Action Plan: _____

Date corrective action will be completed: _____

Date corrective action actually completed: _____

Signature: _____ Date: _____

October

D. Wet Weather Inspection Form "10D"
(For observed wet weather flows)

To be filled out by inspector.

Date 10/30/96 Inspector: Bill Woyshner
 Outfall No.: 1 (off of parking lot)
 Outfall Type: ☐ pipe ☐ culvert ☒ ditch ☐ pond
☐ other (specify: _____)

Physical Observations (check appropriate descriptions)

Color	<input checked="" type="checkbox"/> clear <input type="checkbox"/> other, specify _____	<input type="checkbox"/> black/gray	<input type="checkbox"/> brown	<input type="checkbox"/> green
Clarity	<input checked="" type="checkbox"/> clear <input type="checkbox"/> other, specify _____	<input type="checkbox"/> slightly cloudy	<input type="checkbox"/> muddy	
Odor	<input checked="" type="checkbox"/> none <input type="checkbox"/> other, specify _____	<input type="checkbox"/> sewage	<input type="checkbox"/> musty	<input type="checkbox"/> chemical
Sheen (oily)	<input checked="" type="checkbox"/> none <input type="checkbox"/> other, specify _____	<input type="checkbox"/> slightly sheen	<input type="checkbox"/> petroleum sheen	<input type="checkbox"/> significant sheen
Floating debris	<input type="checkbox"/> none <input type="checkbox"/> other, specify _____	<input checked="" type="checkbox"/> garbage/litter	<input type="checkbox"/> constr. debris	<input type="checkbox"/> sewage

Rainfall Event Information

Time Rainfall Began: 7:00 AM (Constant pour/rain)

Time of Inspection (This should be within the first hour of the rainfall event):

7:30 AM

Inspectors Initials: WSW

To be filled out by person responsible for SWPPP implementation.

Date of Review: 11/14/96

Corrective Action Required? ☐ Yes ☒ No

Corrective Action Plan: N/A

Date corrective action will be completed: N/A

Date corrective action actually completed: N/A

Signature: Bill Woyshner

Date: 11/14/96

October

D. Wet Weather Inspection Form "10D"
(For observed wet weather flows)

To be filled out by inspector.

Date 10/30/96 Inspector: Bill Woyshner
Outfall No.: 2 (New Security office)
Outfall Type: () pipe () culvert () ditch () pond
☒ other (specify: gutter)

Physical Observations (check appropriate descriptions)

Color	<input checked="" type="checkbox"/> clear	() black/gray	() brown	() green
	() other, specify			
Clarity	() clear	<input checked="" type="checkbox"/> slightly cloudy	() muddy	
	() other, specify			
Odor	<input checked="" type="checkbox"/> none	() sewage	() musty	() chemical
	() other, specify		() petroleum	
Sheen (oily)	() none	<input checked="" type="checkbox"/> slightly sheen	() significant sheen	
	() other, specify <u>from cars in parking lot</u>			
Floating debris	<input checked="" type="checkbox"/> none	() garbage/litter	() constr. debris	() sewage
	() other, specify			

Rainfall Event Information

Time Rainfall Began: 7:00 AM (CONSTANT POUR/RAIN)

Time of Inspection (This should be within the first hour of the rainfall event):

7:30 AM

Inspectors Initials WSW

To be filled out by person responsible for SWPPP implementation.

Date of Review: 11/14/96

Corrective Action Required? () Yes ☒ No

Corrective Action Plan: N/A

Date corrective action will be completed: N/A

Date corrective action actually completed: N/A

Signature: Bill Woyshner

Date: 11/14/96

NOVEMBER

Note: 11/20 - 11/21 did not conduct ins. etions -- Rainfall
Not during working hours, Start: 9:00pm 11/20

D. Wet Weather Inspection Form "10D"
(For observed wet weather flows)

To be filled out by inspector.

Date _____ Inspector: _____

Outfall No.: _____

Outfall Type: ☐ pipe ☐ culvert ☐ ditch ☐ pond
☐ other (specify: _____)

Physical Observations (check appropriate descriptions)

Color	<input type="checkbox"/> clear	<input type="checkbox"/> black/gray	<input type="checkbox"/> brown	<input type="checkbox"/> green
	<input type="checkbox"/> other, specify			
Clarity	<input type="checkbox"/> clear	<input type="checkbox"/> slightly cloudy	<input type="checkbox"/> muddy	
	<input type="checkbox"/> other, specify			
Odor	<input type="checkbox"/> none	<input type="checkbox"/> sewage	<input type="checkbox"/> musty	<input type="checkbox"/> chemical
	<input type="checkbox"/> other, specify		<input type="checkbox"/> petroleum	
Sheen (oily)	<input type="checkbox"/> none	<input type="checkbox"/> slightly sheen	<input type="checkbox"/> significant sheen	
	<input type="checkbox"/> other, specify			
Floating debris	<input type="checkbox"/> none	<input type="checkbox"/> garbage/litter	<input type="checkbox"/> constr. debris	<input type="checkbox"/> sewage
	<input type="checkbox"/> other, specify			

Rainfall Event Information

Time Rainfall Began: _____

Time of Inspection (This should be within the first hour of the rainfall event): _____

Inspectors Initials _____

To be filled out by person responsible for SWPPP implementation.

Date of Review: _____

Corrective Action Required? ☐ Yes ☐ No

Corrective Action Plan: _____

Date corrective action will be completed: _____

Date corrective action actually completed: _____

Signature: _____ Date: _____

December

D. Wet Weather Inspection Form "10D"
(For observed wet weather flows)

To be filled out by inspector.

Date 12/5/96 Inspector: Bill Woyshner
Outfall No.: 1
Outfall Type: () pipe () culvert ☒ ditch () pond
☒ other (specify: drainage ditch)

Physical Observations (check appropriate descriptions)

Color	<input checked="" type="checkbox"/> clear () black/gray () brown () green () other, specify
Clarity	<input checked="" type="checkbox"/> clear () slightly cloudy () muddy () other, specify
Odor	<input checked="" type="checkbox"/> none () sewage () musty () chemical () other, specify () petroleum
Sheen (oily)	<input checked="" type="checkbox"/> none () slightly sheen () significant sheen () other, specify
Floating debris	<input checked="" type="checkbox"/> none () garbage/litter () constr. debris () sewage debris () other, specify

Rainfall Event Information

Time Rainfall Began: 4:30 pm (constant light rain)

Time of Inspection (This should be within the first hour of the rainfall event):

5:00 pm

Inspectors Initials WBSW

To be filled out by person responsible for SWPPP implementation.

Date of Review: 12/5/96

Corrective Action Required? () Yes ☒ No

Corrective Action Plan: N/A

Date corrective action will be completed:

N/A

Date corrective action actually completed:

N/A

Signature: Bill Woyshner

Date: 12/5/96

December

D. Wet Weather Inspection Form "10D"
(For observed wet weather flows)

To be filled out by inspector.

Date 12/5/96 Inspector: Bill Woyshner
Outfall No.: 2
Outfall Type: () pipe () culvert () ditch () pond
☒ other (specify: grating)

Physical Observations (check appropriate descriptions)

Color	<input checked="" type="checkbox"/> clear () black/gray () brown () green () other, specify
Clarity	<input checked="" type="checkbox"/> clear () slightly cloudy () muddy () other, specify
Odor	<input checked="" type="checkbox"/> none () sewage () musty () chemical () other, specify () petroleum
Sheen (oily)	<input checked="" type="checkbox"/> none () slightly sheen () significant sheen () other, specify
Floating debris	<input checked="" type="checkbox"/> none () garbage/litter () constr. debris () sewage debris () other, specify

Rainfall Event Information

Time Rainfall Began: 4:30 pm (light rain)

Time of Inspection (This should be within the first hour of the rainfall event):

5:00 pm

Inspectors Initials WSW

To be filled out by person responsible for SWPPP implementation.

Date of Review: 12/5/96

Corrective Action Required? () Yes ☒ No

Corrective Action Plan: N/A

Date corrective action will be completed: N/A

Date corrective action actually completed: N/A

Signature: Jim Woyshner Date: 12/5/96

D. Wet Weather Inspection Form "10D"
(For observed wet weather flows)

To be filled out by inspector.

Date 1/12/97

Inspector: BILL WOYSHNER

Outfall No.: 1

Outfall Type: () pipe () culvert ☒ ditch () pond
() other (specify: _____)

Physical Observations (check appropriate descriptions)

Color	() clear () other, specify _____	() black/gray	<input checked="" type="checkbox"/> brown	() green
Clarity	<input checked="" type="checkbox"/> clear () other, specify _____	() slightly cloudy	() muddy	
Odor	<input checked="" type="checkbox"/> none () other, specify _____	() sewage	() musty	() chemical
Sheen (oily)	<input checked="" type="checkbox"/> none () other, specify _____	() slightly sheen	() significant sheen	
Floating debris	<input checked="" type="checkbox"/> none () other, specify _____	() garbage/litter	() constr. debris	() sewage

Rainfall Event Information

Time Rainfall Began: 9:30 AM (HEAVY Discharge)

Time of Inspection (This should be within the first hour of the rainfall event):

10:30 AM

Inspectors Initials BW

To be filled out by person responsible for SWPPP Implementation.

Date of Review: 1/12/97

Corrective Action Required? () Yes ☒ No

Corrective Action Plan:

SAMPLES OBTAINED

Date corrective action will be completed: N/A

Date corrective action actually completed: N/A

Signature: Bill Woyshner

Date: 1/12/97

D. Wet Weather Inspection Form "10D"
(For observed wet weather flows)

To be filled out by inspector.

Date 1/12/97

Inspector: BILL WOYSHNER

Outfall No.: 2

Outfall Type: () pipe () culvert () ditch () pond
☒ other (specify: grating)

Physical Observations (check appropriate descriptions)

Color	<input checked="" type="checkbox"/> clear () black/gray () brown () green () other, specify
Clarity	() clear <input checked="" type="checkbox"/> slightly cloudy () muddy () other, specify
Odor	<input checked="" type="checkbox"/> none () sewage () musty () chemical () other, specify () petroleum
Sheen (oily)	() none <input checked="" type="checkbox"/> slightly sheen () significant sheen () other, specify
Floating debris	<input checked="" type="checkbox"/> none () garbage/litter () constr. debris () sewage debris () other, specify

Rainfall Event Information

Time Rainfall Began:

9:30 (HEAVY RAINFALL)

Time of Inspection (This should be within the first hour of the rainfall event):

10:30 AM

Inspectors Initials BW

To be filled out by person responsible for SWPPP implementation.

Date of Review: 1/12/97

Corrective Action Required? () Yes ☒ No

Corrective Action Plan:

SAMPLES OBTAINED & ANALYZED

Date corrective action will be completed:

N/A

Date corrective action actually completed:

N/A

Signature:

Bill Woyshner

Date:

1/12/97

STORM WATER LOGS

1996/1997 STORM WATER LOG BOOK

	1	2	3	4	5	6
1	<u>OCTOBER</u>					
2						
3	10/30/96	Constant rain all day EST. @ 0.15 inch				
4						
5	Time: 700 AM (Start)					
6	All night - Approx. 500 gallons of rain water was					
7	pumped over the containment wall --					
8	Sump located in plasticizer containment					
9	system.					
10						
11	Slight oil sheen was removed from the					
12	surface of the rain water.					
13						
14	<u>NOVEMBER</u>					
15						
16	11/20 - 11/21/96	Rain started at 9:00 pm. Rained all				
17	night & CONSTANT RAIN ALL DAY.					
18						
19	No samples obtained - could not					
20	get to the PLANT IN TIME TO TAKE					
21	SAMPLES.					
22						
23	Pumped approx. 2,500 gallons of water					
24	from the sump (5 x 500 gals).					
25						
26	<u>DECEMBER</u>					
27	12/5/96	Rain started at 4:30 pm. Light				
28	constant rain. Inspection conducted					
29	at 5:00 pm. Samples not collected.					
30	(Not significant storm)					
31						
32	12/9/96	Rain started at 3:00 pm.				
33						
34	No sheen/odor/discoloration observed					
35	at both outfall areas. Samples not					
36	taken (not a significant storm).					
37						
38	12/23/96	Heavy rain. No samples taken.				
39	No oil sheen/odor/debris. Rain					
40	started at 1:00 pm.					



1996/1997 STORM WATER LOG BOOK (CONT.)

DECEMBER

12/27/96

Constant light rain. Started early morning at 800 AM

JANUARY

1/5 - 1/6/97

Light sprinkles. No inspection/samples.

1/12/97

Heavy rain. Samples collected and inspection conducted. Slight discoloration/oil sheen/cloudiness at out fall areas -- see inspection records for details.

1/20/97

Light sprinkling all week. No sampling collected -- not a significant rainstorm.

February

2/18/97

Holiday. Light rain -- not a significant storm. No sampling collected.

MARCH

No rain all month.

APRIL

No rain all month.

MAY

No rain all month.

JUNE

No rain all month.

**Annual Reports must be submitted by
July 1, 1997. Please disregard the
June 1 submittal date mistakenly
printed on the front page of the Annual
Report.**



June 26, 1997

Mr. Mark Pumford
LOS ANGELES REGIONAL WATER BOARD
101 Centre Plaza Drive
Monterey Park, CA 91754-2156

SUBJECT: GENERAL INDUSTRIAL STORM WATER ANNUAL REPORT (1996-1997)

Site Address: ARMSTRONG WORLD INDUSTRIES, INC.
5037 Patata Street
South Gate, CA 90280-3555
[WDID #: 4B19S004103]

Dear Mr. Pumford:

Armstrong World Industries, Inc. ("Armstrong") is submitting the annual report for 1996-1997 storm water discharges associated with our industrial activities.

Attached is the annual report questionnaire, a written attachment to clarify questions, a site plan of the sampling locations, a copy of the laboratory analysis, a record of the site inspections, and a storm water log of rain events for compliance with all conditions of the General Permit.

Should you have any questions or comments, please give me at (213) 562-7227.

Sincerely,

A handwritten signature in black ink, appearing to read "Bill Woyshner".

Bill Woyshner, REA
Environmental Specialist

Enclosures